

**Figure 1**

**Trading Partners of the Consumer Goods Industry**

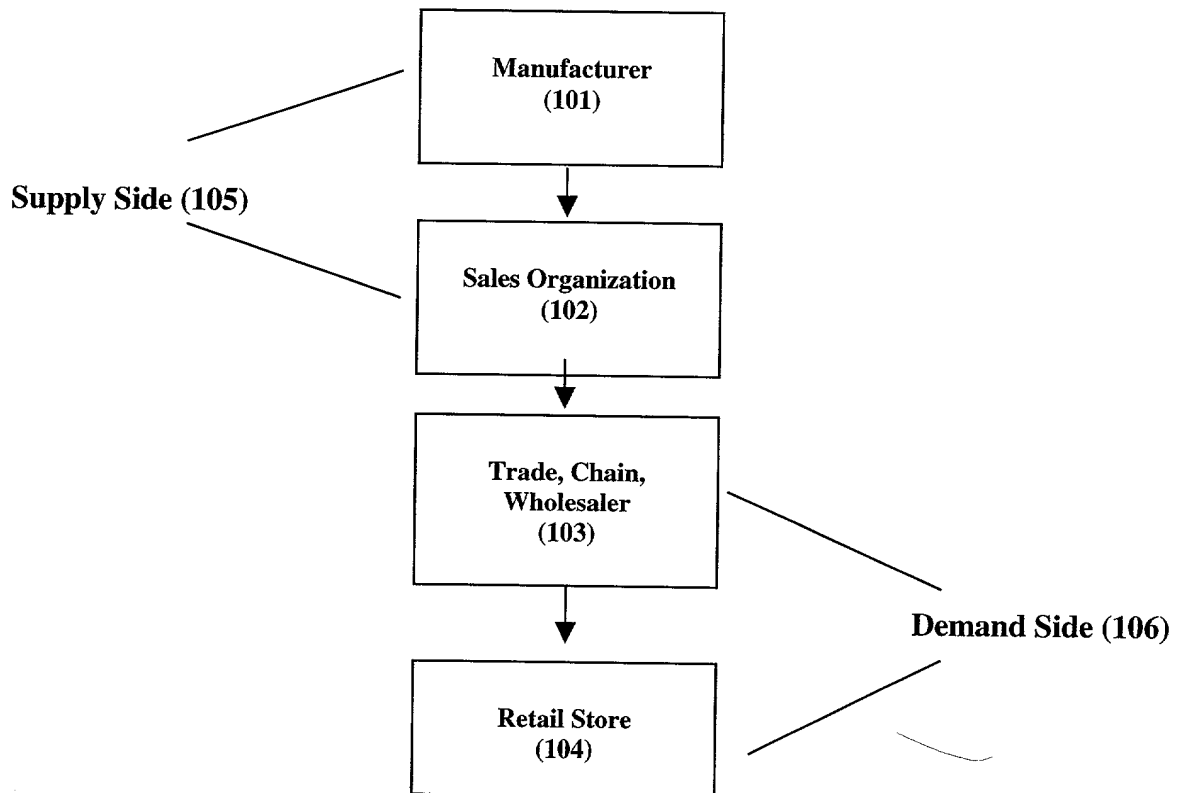
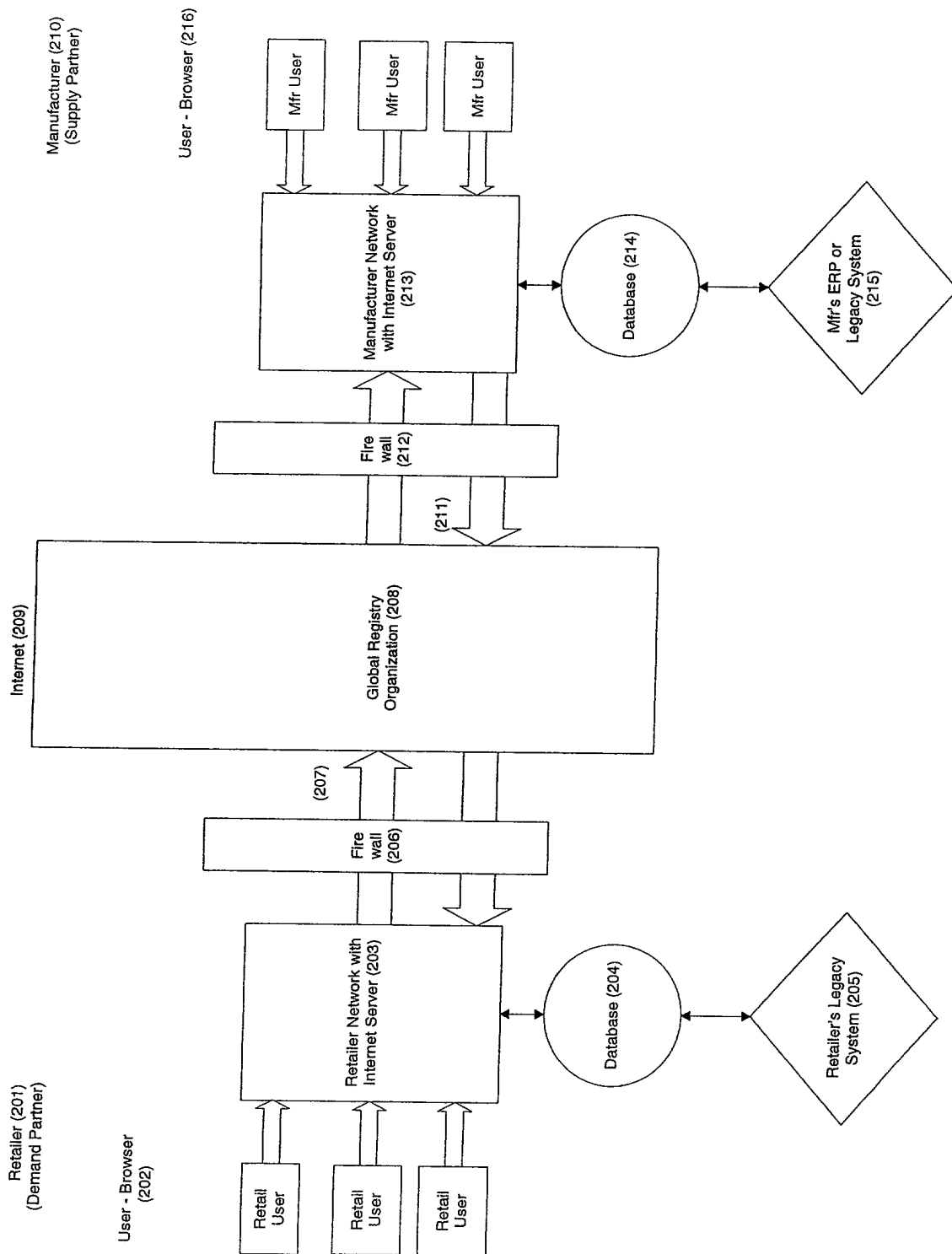


FIGURE 2





Extended Dataflow

Figure 3

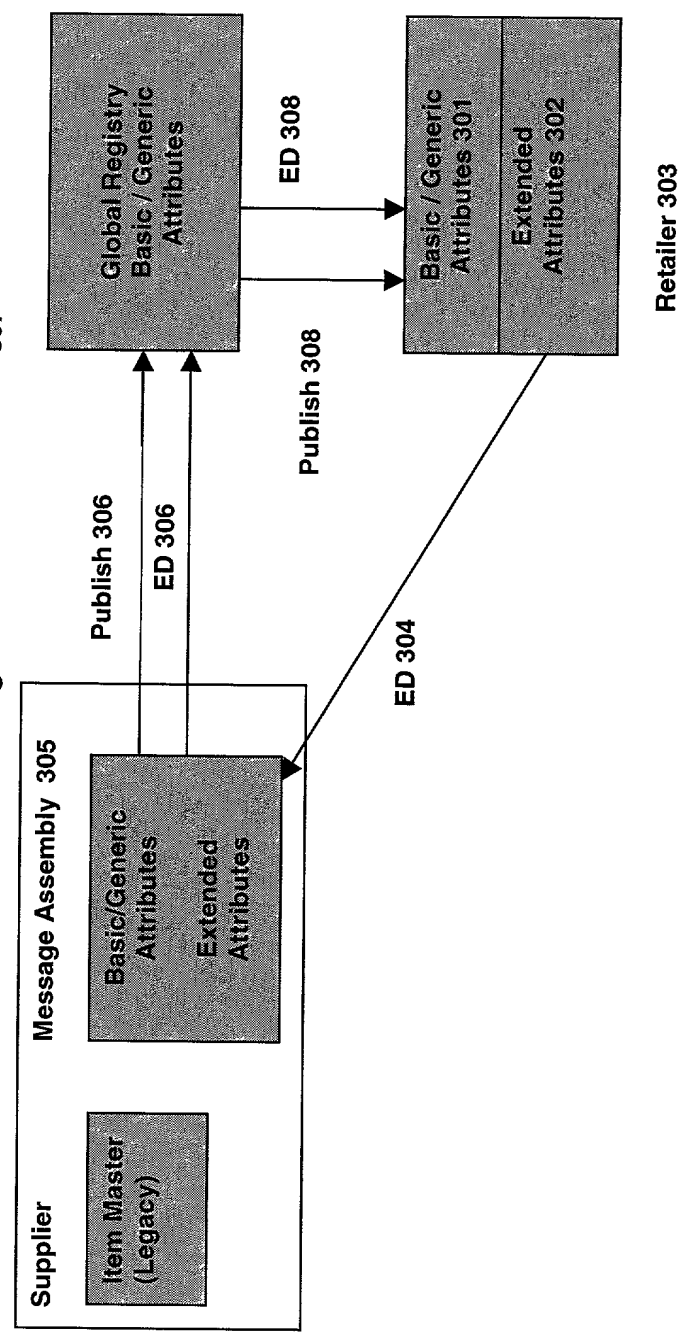


Figure 4A

402

404

405

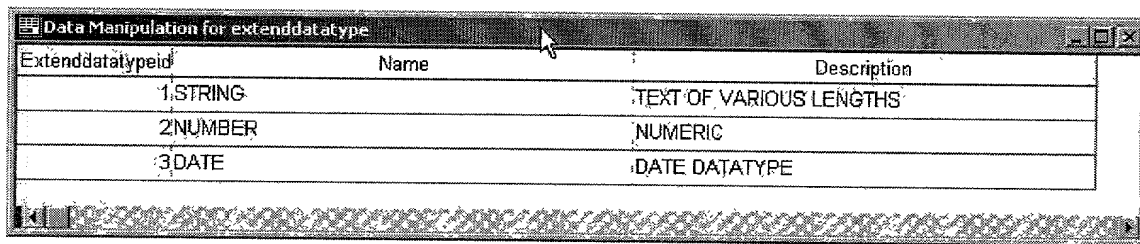
Extenddefinitionid	Name (401)	Datatypeid	Description (403)	Length	Entitytypeid	Req	Tpid
4	Max Temp	2	maximum temperature	0	5	Y	
2	Boiling Point	2	boiling point of liquid	0	1	Y	
1	Tare Weight	2	Tare weight	0	1	Y	
3	Stackable Height	2	Stackable Height	0	1	Y	
7	Freezing Point	2	new and improved 2	0	1	N	
5	Freezer Temperature	2	Freezer Temperature	0	1	Y	
11	Flash Point	3	new and improved 2	0	1	Y	
21	Min Temp	3	for date	0	1	N	
25	Product Freezing Point	2	Product Freezing Point for product Category	0	4	Y	1
26	Product Boiling Point	2	Product Boiling Point for product category	0	4	Y	1
27	Alcohol Content	2	The Alcohol Content in Percent	0	1	N	1
28	Max Alcohol Content	2		0	1	N	1
31	Net Color	1	the net color of an item reqd	50	1	N	1
29	\$ per ounce	2	cents per ounce	0	1	N	1
30	Max Alcohol Content	1	Max Alcohol Content	100	4	Y	1
32	Min Alcohol Content	2	The minimum amount of Alcohol	0	1	N	1
33	Iron Content	1	How much iron in the product	25	1	Y	1

"Method & System for Transmittal  
of Extended Data Attributes..."

G. Weismantel, Inventor

App: 10/053,935 Confirm: 5964

Figure 4B



The screenshot shows a window titled "Data Manipulation for extenddatatype". Inside the window is a table with three columns: "Extenddatatypeid", "Name", and "Description". The table contains three rows of data:

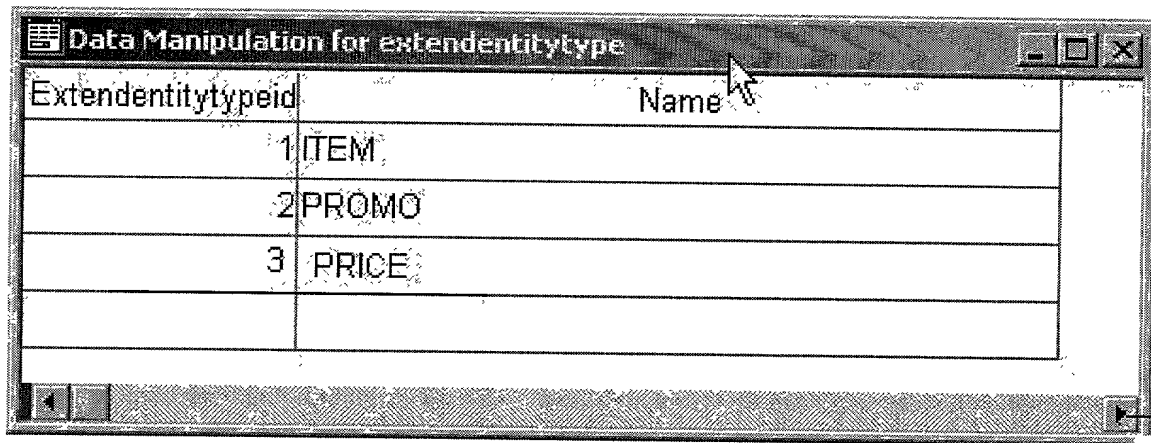
Extenddatatypeid	Name	Description
1	STRING	TEXT OF VARIOUS LENGTHS
2	NUMBER	NUMERIC
3	DATE	DATE DATATYPE

"Method & System for Transmittal  
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Figure 4C



Extendentitytypeid	Name
1	ITEM
2	PROMO
3	PRICE

Figure 4D

EXTENDVALUESID	DEFINITIONID	VALUE	ENTITYID
39	2	100C	296
40	2	23 23 65	671
41	4	5	689
1	1	36 lbs	561
2	5	-15 F	561
42	4	986566	690
43	2	6	690
44	1	65	690
45	3	56	690
46	7	5	690
37	4	extra	531
47	5	56	690
48	11	56	690

20120920 04:55:00

FIGURE 5A

501

Vista Retail ABC Foods

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

**Extended Data Maintenance - Add, Update**

502

Add New

Change sort entity type: ITEM

Name	Data Type	Length	Description	Required
Alcohol Content	STRING	12	Alcohol Content	Y
Boiling Point	NUMBER	0	Boiling Point of Liquid	Y
Max Temp	NUMBER	0	Maximum Temperature	Y

201.220.546.501



FIGURE 5B

**Vista Retail** **ABC Foods**

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

### Extended Data Maintenance - Add

503 {

Name:	Flash Point
Data type:	NUMBER
Length:	
Description:	Combustion Point
Entity type:	ITEM
Required:	<input checked="" type="checkbox"/>

Save Cancel

"Method & System for Transmittal  
of Extended Data Attributes..."

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FIGURE 6A

601

Vista Retail ABC Foods

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

Vista SA - Publications

Create New Publication  
View Publications  
View My Kiosk Items

Add New

ID	Type	Trading Partner	Date Created	Date Published	Status	Delete
424	New Item Publication	Vista SA	10/15/2001 3:13:22 PM	Not Published	Pending Submittal	<input checked="" type="checkbox"/>
427	New Item Publication	Vista SA	10/17/2001 2:46:29 PM	Not Published	Pending Submittal	<input checked="" type="checkbox"/>

602

603

20120801 09:55:50

"Method & System for Transmittal  
of Extended Data Attributes..."

G. Weismantel, Inventor

App: 10/053,935 Confirm: 5964

FIGURE 6B

20120120 053935

Vista Retail ABC Foods

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

**Vista SA - Publication 430**

To create new items,  
Select Product Category...

Categories: CHILLED/REFRIGERAT

604

605

Item Attributes

Publication		Basic		Extended	
CIIRK	56123456789101	Category:		Ref. ID:	
Name:	Vista Berry Juice	UPC:		UPC Type:	
UPC:	555123456789				
<b>Dates</b>					
First Order:	10/1/2001	Last Order:	11/1/2001		
First Ship:	10/4/2001	Last Ship:	11/6/2001		
First Arrival:	10/6/2001	Last Arrival:	11/9/2001		
<b>Ordering</b>					
Increment:	4	Orderable:	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Min. Ship:	25	Max. Ship:	100		
Min. Order:	25	Max. Order:	100		
<b>Dimensions</b>					
Unit of Measure		Prod. Type:			
Height:	10 cm	Pack:			
Length:	25	Inner Pack:			
Width:	5	Pallet Hi:			
Volume:	60 CC	Pallet Ti:			
Net Weight:	12 oz	Size/UOM:			
Gross Wt:	1	4 CA			

All Basic Form Fields are required

Cancel Save

606  
607  
608  
609

FIGURE 6C

Vista Retail ABC Foods

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

**Vista SA - Publication 430**

To create new items,  
Select Product Category...

Categories: CHILLED/REFRIGERAT

**Item Attributes**

Publication Basic Extended

**Extended Data Definitions**

Alcohol Content	0	Boiling Point	100
Max Temp	70		

All definition values are required.

610

611

612

20120520 52665001